AMENDMENT TO THE CLAIMS

1.   (Currently Amended) A computer storage medium having instructions for validating data in a database system, the instructions comprising:

      instantiating a property of a first object as a second object, wherein the second object includes a reference to a ~~collection of constraint information~~property validator object, the ~~constraint information~~ property validator object being stored separate from the ~~first and~~ second object~~s~~; and

      applying a function referenced within the property validator object so as ~~constraint information to a property of the second object~~ to ascertain if the property of the first object is validated.

2.   (Currently Amended) The computer storage medium of claim 1 wherein the ~~constraint information~~ function referenced within the property validator object comprises a function of ~~the~~an existing value of the property of the first object, and wherein applying ~~constraint information~~ the function also comprises comparing a received value ~~for the property~~ to the ~~constraint information~~existing value.

3.   (Currently Amended) The computer storage medium of claim 1 wherein the ~~constraint information~~ function referenced within the property of the validator object comprises a function of status of a second property of the first object, and wherein applying ~~constraint information~~ the function also comprises examining the status of the second property of the first object.

4.   (Previously Presented) The computer storage medium of claim 3 wherein the status of the second property comprises whether its value can be changed.

5.   (Previously Presented) The computer storage medium of claim 4 wherein the status of the second property comprises whether its value is valid.

6.   (Currently Amended) The computer storage medium of claim 1 and further comprising setting the value of the property ~~of the first object~~ if ~~the~~ a constraint ~~information~~ associated with the function referenced within the property validator object is met.

7.   (Currently Amended) The computer storage medium of claim 6 and further comprising issuing an event indicating the property of the first object is valid.

8.   (Currently Amended) The computer storage medium of claim 1 and further comprising issuing an exception if ~~the~~ a constraint ~~information~~ associated with the function referenced within the property validator object is not met.

9.   (Currently Amended) The computer storage medium of claim 1 and further comprising issuing an event indicating the ~~property~~ value of the property of the first object is changing.

10.   (Currently Amended) The computer storage medium of claim 1 and further comprising issuing an event indicating whether the ~~property~~ value of the property of the first object is changeable.

11.   (Currently Amended) The computer storage medium of claim 1 and further comprising obtaining a current value of the property of the first object.

12.   (Currently Amended) A computer storage medium having instructions comprising a framework for validating data in a database system, the instructions comprising:

indentifying at least one property of an entity to be validated;

identifying constraint information to be used for ascertaining if said at least one property is valid; and

forming an object of said at least one property, wherein identifying constraint information comprises referencing a reference stored within the object, the reference being

indicative of the constraint information which is stored outside of the object itself, and wherein the constraint information is referenced within a property validator object that is separate from both the object, and also separate from the entity to be validated.

13. (Previously Presented)   The computer storage medium of claim 12 and further comprising identifying a validator of a function of a type of said at least one property, the validator being of a class of validators.

14.   (Previously Presented) The computer storage medium of claim 12 and further comprising identifying events to be issued during validation.

15.   (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property is changing.

16.   (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property has changed.

17.   (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a status of the property has changed.

18.   (Previously Presented) The computer storage medium of claim 17 wherein the status comprises whether the value of the property is changeable.

19.   (Previously Presented) The computer storage medium of claim 18 wherein the status comprises whether the value of the property is valid.

20.   (Previously Presented) The computer storage medium of claim 12 wherein identifying constraint information comprises identifying valid criteria for a value of the property.

21.   (Previously Presented) The computer storage medium of claim 12 wherein identifying constraint information comprises identifying criteria of when a value of the property can be changed.

22.   (Previously Presented) The computer storage medium of claim 21 wherein the criteria identifies that the value can be changed anytime upon execution of the instructions.

23.   (Previously Presented) The computer storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of creation of a corresponding entity.

25.   (Previously Presented) The computer storage medium of claim 21 wherein the criteria identifies that the value can be changed as a function of a status value of another property.

26.   (Previously Presented) The computer storage medium of claim 25 wherein the status value comprises whether said another property is changeable.

27. (Previously Presented)   The computer storage medium of claim 26 wherein the status value comprises whether said another property is valid.